

Sikorsky SH-60B SEAHAWK

The SH-60B SEAHAWK is a specially-equipped, fully maritized derivative of the renowned H-60 BLACK HAWK. It is used as a platform for the Light Airborne Multi-Purpose System (LAMPS) Mark II mission, and has earned its reputation as an excellent fully integrated air/ship weapons platform.

Designed for flexibility, SEAHAWK's primary missions are:

- Anti Submarine Warfare (ASW)
- Anti Surface Unit Warfare (ASUW)
- Anti-Ship Surveillance and Targeting (ASST).

It also operates as a maritime surveillance aircraft during anti-air warfare, electronic warfare and air strike missions, and is equally adept at the following secondary missions:

- Search and Rescue (SAR)
- Medical Evacuation (MEDEVAC)
- Vertical Replenishment (VERTREP)
- Communications relay
- Utility, logistics and troop transport

SH-60B CHARACTERISTICS

PERFORMANCE

■ Mission endurance	3.5 - 6 hours	
■ Dash speed	145 kts	268 km/hr

ENGINES

■ Number of engines	Two	
■ Type	General Electric T700-GE-401C	

WEIGHTS

■ Mission gross weights		
- ASW	21,110 lb	9,575 kg
- ASST		
■ Maximum takeoff gross weight	21,884 lb	9,927 kg

MISSION SYSTEMS

- Search radar
- Electronic Surveillance Measures (ESM)
- Infrared countermeasures
- Chaff/Flare dispenser
- Mission tape recorder
- Mission kits

COMMUNICATIONS SYSTEMS

- Dual UHF/VHF/FM radios
- HF radio
- Identification Friend or Foe (IFF)
- Tactical data link
- UHF/VHF/HF/IFF cryptographic computers

NAVIGATION SYSTEMS

- TACNAV
- TACAN
- VOR/ILS
- ADF
- Doppler radar
- Radar altimeter
- GPS

TACTICAL DATA SYSTEMS

- Dual, redundant mission computers
- Digital data bus architecture (MIL-STD-1553B)
- Multifunction keypad access
- Cockpit video displays
- Weapons systems controls

MISSION SUBSYSTEMS

- Rescue hoist
- Automatic approach, coupled hover, automatic departure
- Two external aux fuel stations
- M60D 7.62 mm machine guns
- Up to three torpedoes

ASW SYSTEMS

- Dipping sonar
 - Enhanced digital processing
 - 1500 foot depth capability
- Sonobuoy launcher and storage carousel
- 99-Channel sonobuoy receiver
- Onboard sonobuoy processing
- On-top position indicator
- Mission tape recorder system
- Up to three Mk 46/50 torpedoes

ASUW SYSTEMS

- Penguin missile launch adapter
- Automatic weapons mount
- Forward Looking Infrared Radar (FLIR)
- Hellfire missile compatible

SAR SYSTEMS

- Forward Looking Infrared Radar (FLIR)
- 600-pound capacity rescue hoist

